

Electronic Vehicle Access Gates

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SCOPE : This document applies to all electronically operated vehicle access gates crossing a fire lane.

PURPOSE: To provide a consistent approach for designing and inspecting vehicle access gates requiring Knox™ Override switches.

GATE MOVEMENT

- Gate must swing or slide open
- Lift type gates must be specifically approved on plans
- Single or double leaf gates permitted
- Ensure when gate is open no fire protection devices are obstructed



SWITCH OPERATION

- Check "Single Entry" operation. Insert key, turn on, turn off, remove key. Gate opens. Gate must stay open for a minimum of 30 seconds.
- Check "Extended Entry" operation. Insert key, turn on, remove key. Gate must remain open until turned off. **Note: This method is what apparatus use when responding into gated communities.
- Check "Fail Safe" operation. Drop power to controller. Gate automatically opens and stays open.

EXIT OPERATION

- Check that exiting operation is automatic. A pressure switch or light sensor is commonly found.
- Use of a keypad, keycard, scanner or other similar device requiring manual interaction is permitted only when the exit gate is provided with a Knox™ Override switch.

MISCELLANEOUS

- Ensure Knox™ sticker is provided adjacent to the switch unless other acceptable identifier is present.
- Switch may be standalone or built-into keypad.

